CLAIMS

1. A digital data storing method comprising the steps of:

    encrypting part of digital data; and

    storing the encrypted part of the digital data and non-encrypted remainder of the digital data.

2. The method according to claim 1, wherein the data part to be encrypted is sufficiently smaller in size than the digital data.

3. The method according to claim 1, further comprising the step of dividing the digital data into blocks each of a predetermined data size,

    part of each of the digital data blocks being encrypted to provide encrypted digital data.

4. The method according to claim 1, wherein information indicative of the position of the encrypted digital data is stored along with the encrypted digital data and non-encrypted digital data.

5. The method according to claim 4, wherein:

    the information indicative of the position of the digital data is encrypted; and

    the encrypted positional information is stored along with the encrypted digital data and non-encrypted digital data.

6. A data storing device comprising:

    an encrypting means for encrypting part of digital data; and

a storing means for storing the digital data encrypted by the encrypting means and non-encrypted remainder of the digital data.

7. The device according to claim 6, wherein the data part to be encrypted by the encrypting means is sufficiently smaller in size than the digital data.

8. The device according to claim 6, further comprising a dividing means for dividing the digital data into blocks each of a predetermined data size,

part of each of the digital data blocks being encrypted to provide encrypted digital data.

9. The device according to claim 6, wherein the storing means stores information indicative of the position of the encrypted digital data along with the encrypted digital data and non-encrypted digital data.

10. Device according to claim 9, further comprising a second encrypting means for encrypting the information indicative of the position of the encrypted digital data to provide encrypted positional information,

the encrypted positional information provided by the second encrypting means being stored along with the encrypted digital and non-encrypted digital data.

11. A digital-data recording medium having recorded therein encrypted digital data resulted from encryption of part of digital data and non-encrypted remainder of the digital data.

12. The medium according to claim 11, wherein the encrypted part of the digital data is sufficiently smaller in size than the digital data.

13. The medium according to claim 11, wherein:

the digital data is divided into blocks each of a predetermined data size; and

digital data resulted from encryption of part of each of the digital data blocks is

recorded.

14. The medium according to claim 11, wherein information indicative of the

position of the encrypted digital data is recorded along with the encrypted digital data

and non-encrypted digital data.

15. The medium according to claim 14, wherein:

the information indicative of the position of the encrypted digital data is

encrypted; and

the encrypted positional information is stored along with the encrypted digital

data and non-encrypted digital data.

16. A data reproducing method comprising the steps of:

acquiring digital data including encrypted digital data and non-encrypted digital

data;

extracting the encrypted digital data from the digital data and decrypting the

encrypted digital data; and

outputting, as read data, the decrypted digital data and the non-encrypted digital

data extracted from the digital data.

17. The method according to claim 16, wherein:

the digital data includes the encrypted digital data and non-encrypted digital data

in each of the blocks having the predetermined data size; and

the encrypted digital data is extracted from each of the blocks having the

predetermined data size and the extracted encrypted digital data is decrypted.

18.   The method according to claim 16, wherein:

information indicative of the encrypted digital data is acquired along with the

digital data; and

the encrypted digital data is extracted based on the acquired positional

information and decrypted.

19.   The method according to claim 18, wherein:

the information indicative of the position of the encrypted digital data is

encrypted;

the encrypted positional information is acquired along with the digital data;

the encrypted positional information is decrypted; and

the encrypted digital data is extracted based on the decrypted information

indicative of the position of the encrypted digital data and decrypted.

20.   A data reproducing device comprising:

an input means for inputting digital data including encrypted digital data and

non-encrypted digital data;

a decrypting means for extracting the encrypted digital data from the digital data

supplied from the input means and decrypting the extracted encrypted digital data; and

a reproducing means for outputting, as read data, the digital data decrypted by

the decrypting means and non-encrypted digital data extracted from the digital data.

21. The device according to claim 20, wherein:

the digital data includes the encrypted digital data and non-encrypted digital data in each of the blocks having the predetermined data size; and

the decrypting means extracts the encrypted digital data from each of the blocks having the predetermined data size and decrypts the extracted encrypted digital data.

22. The device according to claim 20, wherein:

the input means acquires the information indicative of the position of the encrypted digital data along with the digital data; and

the decrypting means extracts the encrypted digital data based on the extracted positional information and decrypts the extracted encrypted digital data.

23. The device according to claim 22, further including a second decrypting means for decrypting encrypted information indicative of the position of the encrypted digital data,

the input means acquiring the encrypted positional information along with the digital data; and

the decrypting means extracting the encrypted digital data on the basis of the information indicative of the position of the encrypted digital data decrypted by the second decrypting means and decrypting the encrypted digital data.